

CONFIDENTIAL

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ENG M9-

Chief, Telecommunications, Training &
Techniques Staff, OC
Chief, Engineering Staff, OC

Crystals for the One-watt, Transistorized FSK Transmitter

1. Please furnish the R&D Laboratory CR-18U crystals in standard unmodified HC/6U holders for the frequencies listed below. The crystal correlation capacity for these crystals is 32 mld. The crystals will be used in an FSK application with the frequency difference between pairs of crystals set at $1 \text{ kc} \pm 100 \text{ cps}$. All crystals will be used on the fundamental only. One crystal for each frequency listed is required.

- (a) 4000 kc
4001 kc $\pm 100 \text{ cps}$
- (b) 8000 kc
8001 kc $\pm 100 \text{ cps}$
- (c) 16,000 kc
16,001 kc $\pm 100 \text{ cps}$
- (d) 19,000 kc
19,001 kc $\pm 100 \text{ cps}$

2. It is requested that the crystals be forwarded to the R&D Laboratory by 1 December 1959 if reasonably possible. If any questions arise concerning the crystals please contact at the R&D Laboratory, extension

50X1
50X1

50X1

R&D/Lab/NCP/rkb (12 November 1959)

Distribution:

Original and 1 - Addressee
1 - Lab Subj.
1 - OC-E Chrono
1 - R&D Chrono
1 - Dev/s
1 - Lab Pending ✓

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